

# Recombinant HSV1 gG Envelope Protein ab43048

## 1 References

### Description

<b>Product name</b>	Recombinant HSV1 gG Envelope Protein
<b>Biological activity</b>	Immunoreactive with sera of HSV-infected individuals, excellent antigen for detection of HSV with minimal specificity problems.
<b>Purity</b>	> 95 % SDS-PAGE. Sephadex derived purification.
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Protein fragment
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Additional sequence information</b>	The protein contains the HSV-1 gG immunodominant regions.
<b>Description</b>	Recombinant HSV1 gG Envelope Protein

### Specifications

Our **Abpromise guarantee** covers the use of **ab43048** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA
	Western blot

<b>Form</b>	Liquid
-------------	--------

### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at -20°C.
	Constituents: 0.395% Tris HCl, 0.0292% EDTA, 50% Glycerol

### General Info

<b>Relevance</b>	Herpes simplex virus type 1 (HSV1) is usually associated with infections of the lips, mouth, and face. It is the most common herpes simplex virus and is usually acquired in childhood. HSV-1 often causes lesions inside the mouth such as cold sores (fever blisters) and is transmitted by
------------------	---

contact with infected saliva. Glycoprotein G is suggested to contribute to viral entry through apical surfaces of polarized cells.

## Cellular localization

Viral envelope

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors